

USDA-FOREST SERVICE  
REGION 5

STREAM SURVEY

FROM THIS REPORT  
(UPPER)

FOREST <b>ELDORADO</b>	DISTRICT <b>GEORGETOWN</b>
1. NAME OF STREAM <b>Rubicon River</b>	2. RIVER SYSTEM <b>American</b>
3. TRIBUTARY TO <b>Middle Fork American</b>	4. TOTAL LENGTH
FROM: <b>Lawyer's Trail (2.5 Mi Downstream of El Dorado St.)</b>	5. STREAM SECTION <b>2 miles downstream</b>
6. LOCATION OF MOUTH OR LOWERMOST POINT	
TOWNSHIP	RANGE SECTION
7. DESCRIPTION OF STREAM: (USE PAGE 4 OR SEPARATE SHEET TO RECORD NOTES MADE DURING SURVEY).	

SECTION DATA

8. LOCATION	LOWER			MIDDLE			UPPER			
	TWP	RG	SEC	TWP	RG	SEC	TWP	RG	SEC	
9. ALTITUDE RANGE	FT. TO FT.			FT. TO FT.			FT. TO FT.			
10. WIDTH OF STREAM	RANGE 20-40 FT. AVE 28 FT			RANGE FT. AVE FT			RANGE FT. AVE FT			
11. DEPTH	RANGE 1-15 FT. AVE 5 FT			RANGE FT. AVE FT			RANGE FT. AVE FT			
12. FLOW	15 (est) c.f.s.			c.f.s.			c.f.s.			
13. VELOCITY	sluggish-cascading									
14. AIR TEMPERATURE	°F			°F			°F			
15. WATER TEMPERATURE	°F			°F			°F			
16. HOUR AND SKY	HOUR SKY cloudy			HOUR SKY			HOUR SKY			
17. POOLS-ABUNDANCE	abundant									
a. Size (diameter)	RANGE 20-40 FT. AVE 30 FT			RANGE FT. AVE FT			RANGE FT. AVE FT			
b. Formed by	bedrock, gravel bars									
c. Shelter	good									
18. RIFFLES-ABUNDANCE	abundant									
19. BOTTOM TYPE	Bedrock Boulders Rocks Rubble Gravel Sand Silt Mud			Bedrock Boulders Rocks Rubble Gravel Sand Silt Mud			Bedrock Boulders Rocks Rubble Gravel Sand Silt Mud			
a. Pools	15	15	10	15	10	10	-			
b. Riffles	10	20	15	20	20	5	-			
20. SHADE CANOPY	moderate									
a. Species	willow, alder, blk. oak, pine, fir, canyon walls									
21. AQUATIC VEGETATION	sparse to common									
a. Species	algae (periphyton), moss									
22. AQUATIC FOOD ORGANISMS										
a. Caddisflies	common									
b. Mayflies	common									
c. Stoneflies	common									
d. Diptera	NS									
e. Beetles	water pennies - common									
f. Other Insects	water stridders - common									
g. Crustacea	NS									
h. Others	NS									
23. OVERALL AQUATIC FOODS	common									
24. FISHES PRESENT										
a. All Species Combined	common - few									
b. Species 1	RT									
(1) Abundance	few - common									
(2) Ave. No. per 100 ft.	5-10									
(3) Length Range	2 - 18		INCHES			INCHES			INCHES	
(4) Ave. Length	8		INCHES			INCHES			INCHES	

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c. Species 2		LOWER	MIDDLE	UPPER
(1) Abundance				
(2) Ave. No. per 100 ft.				
(3) Length range				
(4) Ave. length				
d. Species 3				
(1) Abundance				
(2) Ave. No. per 100 ft.				
(3) Length range				
(4) Ave. length				
e. Species 4				
(1) Abundance				
(2) Ave. No. per 100 ft.				
(3) Length range				
(4) Ave. length				
25. REPRODUCTION				
a. Species 1	fair			
b. Species 2				
c. Species 3				
d. Species 4				
25. FISH PREDATORS				
a. Birds	(5) mergansers, W Kingfishers			
b. Snakes	NS			
27. CHARACTER OF WATERSHED	canyon, mountainous			
28. WATERSHED SOIL STABILITY	unstable-mod, stable			
29. STREAM CHANNEL STABILITY	stable-unstable			
30. STREAM FLOW CONDITION	good			
31. STREAM GRADIENT	slight			
32. BARRIERS	some occa. barrier falls, 2 this section			
33. DIVERSIONS	NS			
34. SPRINGS	NS			
35. TRIBUTARIES	some small drainages flowing, probably due to recent rain.			
36. WATER QUALITY				
a. Turbidity	low			
b. Nature of Turbidity				
c. Other Pollution				
37. ACCESSIBILITY				
a. Car or Trail	good by Lawyer's Trail, 3/4 miles			
38. FISHING USE	heavy			
a. Est. Fisherman days	1000	Per Year	Per Year	Per Year
b. Est. ave. hours fished per day	5			

WATERSHED CLASSIFICATION I

SUMMARY-ENTIRE STREAM

39. STREAM CLASSIFICATION:	LOWER I	MIDDLE	UPPER
REMARKS:			
40. STREAM CHARACTERISTICS AND REMARKS			
41. FISH STOCKING PROGRAM			
42. MANAGEMENT RECOMMENDATIONS:			
42. DATE OF SURVEY		43. SURVEY MADE BY	
Sep. 15, 16, 1976		L. Hansen, K. Gould	

STREAM MANAGEMENT ANALYSIS-(May be filled out at Office)		
1. TYPE OF FISHERY	cold	2. PRIMARY SPECIES
		Rainbow Trout
3. OVERALL PRESENT FISHERY RATING	a. Size of Stream	b. Fishing Use
fair	medium	low - moderate
c. Other Uses	d. Productivity	e. Habitat Condition
hiking	low	fair
4. IMPROVEMENT POTENTIAL		
low		
5. FISH MANAGEMENT RECOMMENDATIONS:		
a. Chemical Rehabilitation	NR	
b. Fishery Regulation	NR	
c. Regulation of Other Activities	NR	
d. Introduction of Exotic Fish Species	NR	
e. Maintenance Stocking of Established Fish Species	NR	
f. Others	NR	
6. HABITAT MANAGEMENT:		
a. Watershed Management	limit roads and trails	
b. Stream Protection Belt Management	NR	
c. Water Quality Management	NR	
d. Physical Corrective Measures	NR	
e. Others	NR	
7. PUBLIC ACCESS AND LAND AQUISITION	NR	
8. PUBLIC USE FACILITIES	NR	